

File created: 8-Aug-88 11:53:57 {ERINYES}<LISPUSERS>MEDLEY>RPCPORTMAPPER.;3

changes to: (IL:VARS IL:RPCPORTMAPPERCOMS)
(IL:FUNCTIONS PORTMAPPERDEF)

previous date: 8-Aug-88 11:40:30 {ERINYES}<LISPUSERS>MEDLEY>RPCPORTMAPPER.;2

Read Table: XCL

Package: RPC2

Format: XCCS

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```
(IL:RPAQQ IL:RPCPORTMAPPERCOMS ((IL:PROPS (IL:RPCPORTMAPPER IL:MAKEFILE-ENVIRONMENT IL:FILETYPE))
  (EVAL-WHEN (COMPILE LOAD EVAL)
    (IL:STRUCTURES MAPSEQUENCE MAPSTRUCT))
  (IL:FUNCTIONS PORTMAPPERDEF)
  (EVAL-WHEN (LOAD EVAL)
    (IL:P (PORTMAPPERDEF))))))

(IL:PUTPROPS IL:RPCPORTMAPPER IL:MAKEFILE-ENVIRONMENT (:READTABLE "XCL" :PACKAGE "RPC2"))

(IL:PUTPROPS IL:RPCPORTMAPPER IL:FILETYPE :COMPILE-FILE)

(EVAL-WHEN (COMPILE LOAD EVAL)

(DEFSTRUCT MAPSEQUENCE
  PROGRAM
  VERS
  PROTOCOL
  PORT)

(DEFSTRUCT MAPSTRUCT
  PROGRAM
  VERS
  PROT
  PORT
  THEREST)
)

(DEFUN PORTMAPPERDEF ()
  ;; Program that maps from programs to ports
  (IL:NILL)
  ; Keep DEFUN from expanding the
  ; DEFINE-REMOTE-PROGRAM macro any more than
  ; necessary
  (DEFINE-REMOTE-PROGRAM 'PORTMAPPER 100000 2 'UDP :TYPES '(MAPSTRUCT (:UNION :BOOLEAN (NIL :VOID)
    (T (:STRUCT MAPSTRUCT
      (PROGRAM :UNSIGNED)
      (VERS :UNSIGNED)
      (PROT :UNSIGNED)
      (PORT :UNSIGNED)
      (THEREST MAPSTRUCT))))))
    (MAPSEQUENCE (:SEQUENCE (:STRUCT MAPSEQUENCE
      (PROGRAM :UNSIGNED)
      (VERS :UNSIGNED)
      (PROTOCOL :UNSIGNED)
      (PORT :UNSIGNED))))))

  :PROCEDURES
  '( (NULL 0 NIL NIL)
    (LOOKUP 3 (:UNSIGNED :UNSIGNED :UNSIGNED :UNSIGNED)
      (:UNSIGNED))
    (DUMP 4 NIL (MAPSEQUENCE))
    (BADDUMP 4 NIL (MAPSTRUCT))
    (INDIRECT 5 (:UNSIGNED :UNSIGNED :UNSIGNED :STRING)
      (:UNSIGNED :STRING)))

  ;; TCP version of same. Sad that we need this redundancy.
  (DEFINE-REMOTE-PROGRAM 'TCPMPORMAPPER 100000 2 'TCP :TYPES '(MAPSTRUCT (:UNION :BOOLEAN (NIL :VOID)
    (T (:STRUCT MAPSTRUCT
      (PROGRAM :UNSIGNED)
      (VERS :UNSIGNED)
      (PROT :UNSIGNED)
      (PORT :UNSIGNED)
      (THEREST MAPSTRUCT)
      )))
    (MAPSEQUENCE (:SEQUENCE (:STRUCT MAPSEQUENCE
      (PROGRAM
        :UNSIGNED)
      (VERS :UNSIGNED)
      (PROTOCOL
        :UNSIGNED)
      (PORT :UNSIGNED)
      )))
  )))
```

```

:PROCEDURES
'((NULL 0 NIL NIL)
  (LOOKUP 3 (:UNSIGNED :UNSIGNED :UNSIGNED :UNSIGNED)
    (:UNSIGNED))
  (DUMP 4 NIL (MAPSEQUENCE))
  (BADDUMP 4 NIL (MAPSTRUCT))
  (INDIRECT 5 (:UNSIGNED :UNSIGNED :UNSIGNED :STRING)
    (:UNSIGNED :STRING))))
))

(EVAL-WHEN (LOAD EVAL)

(PORTMAPPERDEF)
)

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```

FUNCTION INDEX

PORTMAPPERDEF1

STRUCTURE INDEX

MAPSEQUENCE1 MAPSTRUCT1

PROPERTY INDEX

IL:RPCPORTMAPPER1
